

=> d his ful

(FILE 'HOME' ENTERED AT 17:36:57 ON 09 MAY 2006)

FILE 'REGISTRY' ENTERED AT 17:37:29 ON 09 MAY 2006  
L1 5 SEA PLU=ON (GAGAGS){2}(GVGVP){3}GKGVP(GVGP){4}(GAGAGS){2}/SQSP  
L2 5 SEA PLU=ON ((GAGAGS){2}(GVGVP){3}GKGVP(GVGP){4}(GAGAGS){2}){13}  
}{SQSP  
FILE 'HCAPLUS, USPATFULL, USPAT2, TOXCENTER, MEDLINE, EMBASE' ENTERED AT  
17:39:19 ON 09 MAY 2006  
L3 11 SEA PLU=ON L2  
L4 6 DUP REM L3 (5 DUPLICATES REMOVED)  
ANSWERS '1-5' FROM FILE HCAPLUS  
ANSWER '6' FROM FILE USPATFULL  
D L4 1-6 IBIB HITSEQ

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 8 MAY 2006 HIGHEST RN 883439-06-3  
DICTIONARY FILE UPDATES: 8 MAY 2006 HIGHEST RN 883439-06-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Structure search iteration limits have been increased. See HELP SLIMITS  
for details.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE HCAPLUS  
FILE COVERS 1907 - 9 May 2006 VOL 144 ISS 20  
FILE LAST UPDATED: 8 May 2006 (20060508/ED)

FILE USPATFULL  
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 9 May 2006 (20060509/PD)  
FILE LAST UPDATED: 9 May 2006 (20060509/ED)

CA INDEXING IS CURRENT THROUGH 9 May 2006 (20060509/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 9 May 2006 (20060509/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE USPAT2  
FILE COVERS 2001 TO PUBLICATION DATE: 9 May 2006 (20060509/PD)  
FILE LAST UPDATED: 9 May 2006 (20060509/ED)  
CA INDEXING IS CURRENT THROUGH 9 May 2006 (20060509/UPCA)  
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 9 May 2006 (20060509/PD)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE TOXCENTER  
FILE COVERS 1907 TO 9 May 2006 (20060509/ED)

FILE MEDLINE  
FILE LAST UPDATED: 9 MAY 2006 (20060509/UP). FILE COVERS 1950 TO DATE.

FILE EMBASE  
FILE COVERS 1974 TO 9 May 2006 (20060509/ED)

=> d que sta  
L2            5 SEA FILE=REGISTRY PLU=ON ((GAGAGS){2}(GVGVP){3}GKGVP(GVGP){4})(  
              GAGAGS){2}){13}/SQSP  
L3            11 SEA L2  
L4            6 DUP REM L3 (5 DUPLICATES REMOVED)

=> d 14 1-6 ibib hitseq

L4 ANSWER 1 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1  
 ACCESSION NUMBER: 2005:572329 HCPLUS  
 DOCUMENT NUMBER: 143:102774  
 TITLE: Silk-elastin repeat sequence protein polymers for use  
 in personal care compositions  
 INVENTOR(S): Kumar, Manoj  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 107 pp., Cont.-in-part of U.S.  
 Ser. No. 800,179.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005142094	A1	20050630	US 2004-939036	20040910
US 2004180027	A1	20040916	US 2004-800179	20040312
CA 2517849	AA	20040923	CA 2004-2517849	20040312
EP 1610807	A2	20060104	EP 2004-720485	20040312
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			US 2003-454077P	P 20030312
			US 2004-800179	A2 20040312
			WO 2004-US7758	W 20040312

IT 856266-79-0P

RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified);  
 COS (Cosmetic use); PRP (Properties); THU (Therapeutic use); BIOL  
 (Biological study); PREP (Preparation); USES (Uses)  
 (amino acid sequence; silk-elastin repeat sequence protein polymers for  
 use in personal care compns.)

RN 856266-79-0 HCPLUS

CN Silk-elastin repeat-containing protein SELP47K (synthetic) (9CI) (CA  
 INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGA  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 101 GVGPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 151 VPGVGPGVGP GVPGPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 201 VPGVGVPKG VPGVGPGVGP GVPGPGVPGKA GAGSGAGAGS GAGAGSGAGA  
 251 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS  
 301 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA  
 351 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGPGVGP VPGVGPGVGP  
 401 GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 451 VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 501 VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 701 GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 751 VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS

L4 ANSWER 2 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 2  
 ACCESSION NUMBER: 2004:1019529 HCPLUS

DOCUMENT NUMBER: 142:2503  
 TITLE: Conjugates of repeat sequence protein polymers with bioactive agents  
 INVENTOR(S): Collier, Katherine D.; Cuevas, William A.; Kumar, Manoj  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 54 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004234609	A1	20041125	US 2004-845936	20040514
CA 2524707	AA	20041202	CA 2004-2524707	20040514
WO 2004104020	A2	20041202	WO 2004-US15317	20040514
WO 2004104020	A3	20050428		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1633382	A2	20060315	EP 2004-752348	20040514
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			US 2003-470464P	P 20030514
			WO 2004-US15317	W 20040514

IT 798312-18-2DP, conjugates  
 RL: COS (Cosmetic use); NUU (Other use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (amino acid sequence; conjugates of repeat sequence protein polymers with bioactive agents)  
 RN 798312-18-2 HCPLUS  
 CN Protein SELP45K (synthetic silk-elastin repeat domain-containing) (9CI)  
 (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGA  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 101 GVGPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 151 VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 201 VPGVGPGKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA  
 251 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS  
 301 GAGAGSGAGA GSGVGVPVG VPGVGPGKG VPGVGPGVGP GVPGVGPGA  
 351 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 401 GVGPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 451 VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 501 VPGVGPGKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPVG VPGVGPGKG VPGVGPGVGP GVPGVGPGA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 701 GVGPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG

751 VPGVGPVGVP GVGPGVGPGA GAGSGAGAGS

L4 ANSWER 3 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 3  
 ACCESSION NUMBER: 2004:999537 HCPLUS  
 DOCUMENT NUMBER: 141:427734  
 TITLE: Controlled release of active agents from personal care product compositions utilizing repeat sequence protein polymers  
 INVENTOR(S): Kumar, Manoj; Mazeaud, Isabelle; Christiano, Steven Patrick  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 34 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004228913	A1	20041118	US 2004-845775	20040514
CA 2524710	AA	20041202	CA 2004-2524710	20040514
WO 2004104021	A2	20041202	WO 2004-US15318	20040514
WO 2004104021	A3	20051124		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1624864	A2	20060215	EP 2004-752349	20040514
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
PRIORITY APPLN. INFO.:			US 2003-470465P	P 20030514
			WO 2004-US15318	W 20040514

IT 794244-43-2P

RL: BPN (Biosynthetic preparation); COS (Cosmetic use); PRP (Properties);  
 THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
 (Uses)

(amino acid sequence; controlled release of active agents from personal care product compns. utilizing repeat sequence protein polymers)

RN 794244-43-2 HCPLUS

CN Protein SELP47K (silk-elastin protein 47K) (synthetic repeat domain-containing) (9CI) (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPVG VPGVGPGKG VPGVGPGVP GVPGVGPGA  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGPGKG VPGVGPGVP  
 101 GVPGVGPGA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGPGKG  
 151 VPGVGPGVP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 201 VPGVGPGKG VPGVGPGVP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA  
 251 GSGVGVPVG VPGVGPGKG VPGVGPGVP GVPGVGPGKA GAGSGAGAGS  
 301 GAGAGSGAGA GSGVGVPVG VPGVGPGKG VPGVGPGVP GVPGVGPGKA

351 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 401 GVGPGVPGAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 451 VPGVGPGVGP GVGPVGPGAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 501 VPGVGVPKG VPGVGPGVGP GVGPVGPGAGA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVGPVGPGAGA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVGPVGPGAGA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 701 GVGPGVPGAGA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 751 VPGVGPGVGP GVGPVGPGAGA GAGSGAGAGS

L4 ANSWER 4 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 4  
 ACCESSION NUMBER: 2004:759607 HCPLUS  
 DOCUMENT NUMBER: 141:282398  
 TITLE: Use of repeat sequence protein polymers in personal care compositions  
 INVENTOR(S): Kumar, Manoj; Cuevas, William A.  
 PATENT ASSIGNEE(S): USA  
 SOURCE: U.S. Pat. Appl. Publ., 50 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004180027	A1	20040916	US 2004-800179>	20040312
CA 2517849	AA	20040923	CA 2004-2517849	20040312
WO 2004080426	A2	20040923	WO 2004-US7758	20040312
WO 2004080426	A3	20050707		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1610807	A2	20060104	EP 2004-720485	20040312
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK				
US 2005142094	A1	20050630	US 2004-939036	20040910
WO 2005094868	A1	20051013	WO 2004-US29585	20040910
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRIORITY APPLN. INFO.: US 2003-454077P P 20030312

US 2004-800179 A2 20040312  
 WO 2004-US7758 W 20040312

IT 757271-63-9P

RL: BPN (Biosynthetic preparation); COS (Cosmetic use); PRP (Properties);  
 BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (amino acid sequence; use of repeat sequence protein polymers in  
 personal care compns.)

RN 757271-63-9 HCPLUS

CN Protein SELP45K (synthetic silk-elastin repeat domain-containing) (9CI)  
 (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGA  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 101 GVGPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 151 VPGVGPGVGP GVPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 201 VPGVGVPKG VPGVGPGVGP GVPGVPGKA GAGSGAGAGS GAGAGSGAGA  
 251 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVPGKA GAGSGAGAGS  
 301 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVPGPGA  
 351 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 401 GVPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 451 VPGVGPGVGP GVPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 501 VPGVGVPKG VPGVGPGVGP GVPGVPGKA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVPGKA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVPGPGA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 701 GVPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 751 VPGVGPGVGP GVPGVPGKA GAGSGAGAGS

L4 ANSWER 5 OF 6 HCPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2003:950911 HCPLUS  
 DOCUMENT NUMBER: 140:14537  
 TITLE: Synthesis of inorganic structures using templation and  
 catalysis by self assembled repeat protein polymers  
 INVENTOR(S): Kumar, Manoj  
 PATENT ASSIGNEE(S): Dow Corning Corporation, USA; Genencor International,  
 Inc.  
 SOURCE: PCT Int. Appl., 27 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003099465	A1	20031204	WO 2003-US15757	20030520
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2485177	AA	20031204	CA 2003-2485177	20030520

AU 2003233579	A1 20031212	AU 2003-233579	20030520
US 2004014186	A1 20040122	US 2003-441965	20030520
EP 1509336	A1 20050302	EP 2003-729016	20030520
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
PRIORITY APPLN. INFO.:		US 2002-381913P	P 20020520
		WO 2003-US15757	W 20030520

IT 629704-46-7

RL: ARU (Analytical role, unclassified); ANST (Analytical study)  
(synthesis of inorg. structures using templation and catalysis by self  
assembled repeat protein polymers)

RN 629704-46-7 HCPLUS

CN 11: PN: WO03099465 SEQID: 19 claimed protein (9CI) (CA INDEX NAME)

SEQ 1 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGA  
 51 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 101 GVGPGVPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 151 VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 201 VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA  
 251 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS  
 301 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA  
 351 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 401 GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 451 VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG  
 501 VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA  
 551 GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS  
 601 GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP GVPGVGPGKA  
 651 GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG VPGVGPGVGP  
 701 GVPGVGPGKA GAGSGAGAGS GAGAGSGAGA GSGVGVPVG VPGVGVPKG  
 751 VPGVGPGVGP GVPGVGPGKA GAGSGAGAGS

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 6 USPATFULL on STN

ACCESSION NUMBER: 2004:18884 USPATFULL

TITLE: Synthesis of inorganic structures using templation and catalysis by self assembled repeat protein polymers

INVENTOR(S): Kumar, Manoj, Fremont, CA, UNITED STATES

	NUMBER	KIND	DATE
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APPLICATION INFO.:	US 2003-441965	A1	20030520 (10)

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NUMBER OF CLAIMS: 42

EXEMPLARY CLAIM: 1

LINE COUNT: 815

CAS INDEXING IS AVAILABLE FOR THIS PATENT.